

Spark plugs fly with Northwest "Overland to the Orient"

For many years, Northwest Airlines, Inc., have used B3 spark plugs. Whether installed in their new fleet of Martins or other planes, B4 spark plugs continue to demonstrate the dependability, low-maintenance

cost, long life and high efficiency which have made them standard equipment on major airlines the world over.



FOR AIRCRAFT ENGINES...AIRCRAFT SPARK PLUGS

THE BG CORPORATION

NEW YORK 19, N. Y.

SERVING WORLD AVIATION OVER THIRTY YEARS



THE LITTLE BLADE, shown show in squal size, is one of the 125 that go into the TG-180 turbing wheel. The high compensates and attenue under which these pasts operate would weaken ordinary social to the point of understances. Yet risese amell, this blades can red hor, whirl up to 15,090 n.p.m --mass withstand contributed "terring-spart"

rule that make these more mosable have resulted from years of research carried on by Thompson Products. And the constituation of Thompson research in metallicity and compositor will bring short further improvements in materials, desire and renduction for swifter, ruler sir trans-





Why globe trotters wear rubber boots

Two year plane to fy 'round-the-would on achedulal artime servsee was the "Clipper America",

AVIATION WEEK, April 29, 1960

the six stream corners at away

R F Goodrich



Titefle

beadoble pipe for



Dahwat tablag useds from TITEFLEX Beedfolds Epp as as leak partil or tabling over the fact that the state in TITEFLEX Bendelle Epps are made pressures highly with appendic supporses producing their consortal advantages and and temporalizes. Because a lead in which conductions, TITEFLEX Enrichbia Paps as caretrally independent and the producing of their processing in the contemporal and the processing in the produced and the processing in the produced and the processing in the produced and the processing in the proting of the proti

TITETIES Sociable Pipe has been speed fall for years by Institute manufactures and nauro of actuation whiches, necessal, traction, density industrial power noise, and nature hours. For note—specify 2015—IEEE was confined engineers and for re-

Titeflex,

AVIATION

> Robert N. Wood 10-100. Medic N. Midad

Behave R, Ber Aven Steiner B, Markel B, Bayer B, Markel B, Bayer B, Markel B, Bayer B, Markel B, Bayer B, Markel B,

Ferrary Man Berson, Lushen, Paris, Reills, Maurer, Tolay, Brashey, McL.
Bertier, Bir de Linder, Barten Alex, Correposition in Allans, Carrier,
Institute, Brasilian, Sarah, Stane, Johannesbary and corr 40 other repretations, Phospies, Seruh, Stane, Johannesbary and corr 40 other representations, Charles, Charles, Tolay, Paris, Paris, Daha, D. Weless,
Decree N. Keeses, Senfert S. Parker, Nilson E. Burler, Daha D. Weless

Rabart F. Begor rentrima Egonou Mongor, J. C. Jahrena Rasonol, W. D. Leure

R. W. Marsin, Nr., Solie Managar, J. C. Amberg, New York; N. J. Store, Pheliodickies, V. E. Bromin, Gloschard L. J. Bod, Oslowyci, W. C. Astoneri, Carchinel L. J. Bod, Oslowyci, W. C. Astoneri, and C. Amberg, C. Charalle, C. Charalle, C. Marsin, and C. Carrier, and G. Galler, Characteristic effects on Erichsteph Review, St. Learn, Bronzes and Lendon, Nanton of Americal Sci. Sept. Phys. 18, no. of the dails From at Carcintan.



- The proof of the pudding is in the orting ... and the proof of a product is in the autropoid of the proofe who me that product?
- ★ Prillips 66 Aviation Products are used by America's foremost aritims in the Middle West and West... in constantly increasing quantities!
- ★ Finflage is proved of this strong of approval . . . this proof of the quelty of their products! ★ You can have . . with confidence . . . the resolvest which have moreted this.
- stamp of appearal. The Aviation Department, Plating Petroleum Company, Bartleville, Oklo.





et's look at the case of airline X WITH its fact of 26 payers two-course arthurs, airline X* was loose more each mouth. To must this problem, unline X replaced to 25 obsolete planes with 12 Martin 2-0-2's. What was the

DESCRIPTION OF THE No. of Arrelance in Piner Crumus Served 1907: NEP or 10,000 1 NEPH

Darris Flores Com/Alco He Revenue/Ye. or 80% L. E. and 5-5 cases, Proc. Mr.

Name of Principles L. R. and S. Larger, Phys. Mc. Revenue/Yr. at 65% S. E. and 5.5 press Press No.

shedgal anding X are based on AYA formula, figures based on actual operating come of the 202 are even lower. The Gleon L. Marsin



AVIATION WEEK, April 29, 2968

NEWS SIDELIGHTS

Tober vs. Segester

Sen. Charles Taber (R., N. H.) at In set Sea Onca Ecoustre (S. Me.) ton Water can be counted upon to

Parific Blues?

United Air Laser President W. A. Hance rayte in CAB's upcoming deci-

Characebie Minds

New Loses Viesee

critical is posten dorse the wir LeMay's Tests by E. LeNey, Ast Parce Conmander in Europe, his been

Pressure for Coron

Progress of Air Power

uce of etmost segment and Pendent

AVIATION WEEK, April 19, 1968



Precision



Over 50 Years

a regular activity of PACHIC-WISTIRN'S engineering department. Western is their generous of reliable efficient performance on committee accuses reconce-outly arcreft stanue, or other special engineers. Consult Parello-Western techniques new, and even yearself of their specialized knowledge, backed by over tity

SEND FOR NEW CATALOG A new Posific-Western elegrafit



PACRIC SCAR & TOOL WORKS . See Francisco S. Coldendo

PACIFIC:WESTERN

NEWS DIGEST

Air Line Pilots Assessment by Stot. two sees against National Art Lines Federal laws, by NAL Secred test

Department of Agriculture used shoes to sound 2100 some of begred owe front hade in Mane, high done serves between Bellin and Chauses.

FINANCIAL.

The Mound Co reported per profit rando for 1947 of \$2,456,634 or \$1.38 Weeking created as of Dec 31, testaled \$15,546,746 Strenberg-Cichoe, Co resourced

KIM (Book Datch Arriago but

Two German witnes, a Messyschoott

AVIATION WEEK, devi 19, 1948



WESTON Electronic Applyper-Model 209 Tecor. penating: 1. A conventional Yolt Ohrs Million-Vacuum likke Volumeter, for one to 200 megaspelos.





Start Sandley Insulation Easter - Market 200 to 15,000 megulan range, using a test potential less These portable Westers are specifically designed for expeditive electronic maintanages . . . for doing the job herec-faster. All try management and healt in the attricted tradenous of Weston securacy and dependability. For furthey details see your local WESTON representative, or Freiziglezvich Avenue, Newark S, New Jersey,











possage as Forrestal urges rapid build-up of industry. \$2.570,100,000 onto the away makes associated to Defence Secretary Res

1948 (HR 6158) cribing to a perma-Blots b. Nave Admenis Love Des- crisival as remang the now stagnant.

Char or three series many of the of friend there ming

CHERRY I BLIND I RIVETS devices, as nam ared the handled again and again in time: comuning steps. Cherry Rivets provide a fast, sore furth-ring HAVE THE A HAPP LODG TACK

SPECIAL CHARACTERISTICS of Cherry Blod Block glob van a better bland-fostening graces on quantity little Charty Blass my designed with many shock agreement . . .

donotes, and is the Jargest number of grip lengths for AS SWELF AS DELVING NAMES No washers levided





UNEQUALED FOR MAINTENANCE, In montaneous

National Military Establishment. Supplemental Farinage, 1948-49 fiscal year

S As Fore	1549 Bodget	Supplemental Estimate	Record Budget
Procurement of anylasm complete to employe and employers Asia and employers and employ	\$700,000,000	19140,000,000	\$1,140,000,0
	33,000,000		30,000,0
	7,890,000		7,800,1
	33,500,000	10,000,000	45,500,0
	10,300,000		10,700,0
	5,100,000		5,900
	5,000,000		5,000,0
TOTAL, AIR FORCE	\$775,300,000	\$493,000,000	\$1,223,1000
I. S. Nory Processment of pilotol			
record Procuraged of plotes	\$463,790,000	\$275,000,000	\$734,790,0
Ecoperati de sevos schools Industrial mobilembos	9,180,000		9,180,1
	1,000,001 4,000,00s		4,000,0

remove to the surrelt minutes. But . May Ad Most-Forestel resolutional

New International Group Proposed

Threst P Warser ICAO president.

men's Warner encounted employees

Admiral John Towers

Del Rentsel

New Vigor for CAA

Formule lat week were that Revis-* Recognition Procest-H Control

too, with two officials to \$2 it, the office in Areamstead Radio, Inc. above

Becomes PAA Executive

Restor thinks that the constant neer "sew blood" from the swinting Adical about property that he had you . * Rental Course ... Beneful course to

As Foot for ordinal unknoted productor on Forings industry daughed str. at bombs; the MR C. Now powered by Gagost Electric \$G.140 std., underthan 6000 ft state theart arteet, grame X8-07 total let nower to 36,000 ft ragnes. Phone were made during secret flight tests by the USAF at Messa



to he siding sponsored pily, he served CAB Boosts Airlines' Revenue Air mail rate increases offered by Board with blunt warn-

ing that no adjustments will be made for accrious losses. By CHARLES ADAMS

of the sitties for heart transport

Instruments Laboratory Inc.-A. McS Artice: TWA sed United As Lines

► Sate Holory - Auguste, Fasters

Conversional Air Palicy Board's em-

conscitability to solitary on may be

Passenger Rate War Threat Seen by Delta

1600 to 2000 ft our mountained for 000, a men of \$890,000, Nucleonst

The Carl Assessment Read has \$5.595,000 on \$1.414,000 Total and

The Object not is effective in the Notherst which has the smaller

P. Charoff, Differential, Stone Northwest

Russian Jet Fighters Operational

Details uncovered on YAK and twin-engine MIC point toward well-designed aircraft of good negformance. By FREDERICK R. BREWSTER

many over Berlin in a set factor Scoot frost has stacle-use pe fighter, the MiC and the YAC recently were in the Missow 1947 May Day (May 1)

struction single-sest fighters, the MDG-1.



assembly shows no stabling departure

heavenbler mecken-goes and co-

teesting confination of a "steams"

solur wisch, said by a short leed,

ANTAYTON WITH AME IN 1840

INDUSTRY OBSERVER

*Consoldated Velice is cognitating a new loss agreement with a group of 13 Court New and Name normbroas. Total of 50 jet trainers now on order will cost * Jooing has experienced a hig demand for its lightweight gas technic origins.

shafts may solve the problem of the Dack staffine on the hearth during transition toos water to laid travel. Navy is also investigating the Boring capine as a starting stall for the Westinghouse 24D jet engine which requires but air for starting. Navy is trying to get Buckey to turn the engine over to Continental P. Concardo B.M.S. Son better than 1900 males in its event 30 lowe test field from Fort Worth. Caustic officials and it was the located firtht with horsest

of the 18,000 males facusely publicated. Content endormers record without principle stands at 30 kg, 32 min, not in 1993, by Welley Lees and E. A. Brook in a Packard diesel powered Bellinca memoclast. PAssessing has colored 30 de Haviland Dove twin-engine light transports at a

► Although more other seasons are being offered for the recent Delta DC-4 cresh

Practic Agranctive Corp. has an angine oreshard and importuse contract with Chance As Force and Mar. Ger. Chief. I. Clerentell's Cold As Transport. The built Rolls Room Merkin and overhood of Lyonosing and Empire regimes. The First seconded artes, a Veley Vilms powered by two Rolls-Royce Near's.

For Air Training Command

Adm. Roeves Leaves NATS

Relieves: Adment Reeves as head of

AVIATION CALENDAR

need Controvers Missessetta App. 14—Toutholder of "Wight Way" 150-79; 15 Mighton Adjort Outset Age. 17-50; 15 Mighton Shires Turney Sport My Standardson University Scott Advanced Province Tolorowing Standard Windows Tolorowinds In Incident Windows To

at Rooting Paris

A.S. Air Transportation Education
Science, Technic University, Labortin No. 15-15-Arieties Wilson Association 10th Account Convention New York Chr. New 18-Account Octon Cornival Air Show

LETTERS

Navy's Corrier Jets

opening expenses with job at fact as

publishy gives the recent corner treds of

AVEATION WEEK, Awd 19, 2849.

Britisher & Autopilot

I loge that my will point me, to the

S Smith & Son (England) 146

Contribution To Safety

ENGINEERING & PRODUCTION

Monthly Reports; System Changing January shipment figures show drop in civil business but give no over-all data due to new reporting method. By WHITAM KROCER

reddiery payments to Justiness reme-► Weskaus of Reports—This change in

This first chappe-paracture military

much has been extended in the new 790 Issay husbdows up. 15 robtary planes (255 is December). I'

sengest (15 in December) two W1T, and see, he send Cheer Verglet

Heary Break! Californ, chief of structure

ing Doc 31, 7947 on sales totaling

* Other Chances in Office-Record of frame plants was 149,493, as encore

Martin Trend Toward HAW UAW CIO peded up 115 most

unite" group a total of 1015

Whether the UAW-CRO has a clus-

Republic Loss Rossible Ariston Corp reported a



LINE MATERIAL Airport Lighting



These strategically lecoted distributors maintene, et all firms, sefequate stacks of approved parts for the expected maintenance and archael requirements of Poets & Whitney Aircroft engines within



their territories.

NEW AIRCRAFT



Close-up of Convair Car

I feel. Novembers on the first desired plates not speak of the models—the smaller fines or utilizable is the original observation. Other is now see high to the an eith bethe models. The seed of the same smaller of Consection that higher the court behavior of Consection that higher the court behavior of the consection of the court of the original of the court of the court of the court of plate surrounds. Consection to the court of or a court of quality and in the Court of or a court of quality and in the Court of t









Mirrors Simplify Precision Work

Boeing develops ingenious uses for reflectors in a wide variety of production jobs and in research work.

Moreon are resource to be valuable. Start of the error in Indexed a small became problem admend and the true Applications have been found in slamone of some and harmonistics of tweety on the \$140, in respective and quality. However, in one over on its report tole, reference-when he is, in effect, look-

Lanker down rate the scree, sets up the central fer-control system



TOU CAN DIFFIND C

flying --

MALPPY FLYING, TOWNY, and new to it was nice at other Ense Airports on your way! They stretch from Minime to Texas ... every one with the high-markity Isma Melen "Mar" Redilvery Mrr of Assapelia Figing Service, Inc

WINGER, 'MIC.' for that Ring Co-Filet Its sirport information will came in mighty heavy | 1001 on ur Thouse Larges Speciation pilot

> Hove of your financing complete date on more than 880 sirgerts

> > GET THE ESSO CO-PILOTI

AVIATION WEEK April 29 1948

Here, head image on minur demonstrates how thatever of shock waves one be observed. by approximated conducting named study when let give no riches obstacle by the peak. And based no so these kneet of such over



. Granter Sofety DIPER CUB owners! Here's an esserely new absents over designed specifically for Firestant Gear-Orig design, with a deep nonput these on your Cub airplants right new and lower your operating costs with an incremed number of saler hardings. Person in the Vision of Francisco power Streets processes over 1995



AVAILABLE FROM FIRESTONE BEALERS AT 1000 AIRPORTS







F Shock Wase Observation-The shad onumph dragned to absent shack Studies can be made by verting qualify use of \$100 cm laths, from a get Differences in density of the atream

placed beneath a tree 1900w Sieht inspector upon morns and forbight to check AVIATION WEEK And IS 1948

and morey. If the method were not Plaspecton Applications-Micross also

or dolling and for removes other



resociests a dimension of 1/1000 on

Controlling Temperature in Jet Aircraft

Cabin cooling and heating must keep pace of cooling and heating must keep pace of the cooling of the with higher speeds that bring higher loads.

By D. O. MOELLER, Chef Engines, and O. A. SANNE, and down the content of the cooling of the cooling

Our reportest design problems see for the landings portion where the support of the color imperation or high good age can't to color imperation of the color imperation of the

Fight at speeds ever the 600 mg/s.

The six of the content of the

The second process of the second process of

count of test a no traspectation will

separate open Witer a small research

services, solet of the same interessive to both by maring through a

success on led by refereince or con
led at at could by young through

the same of county. Ac cases the taken test

and county. Ac cases the taken test

and a patient for color oversition

the same of county. Ac cases the taken test

and a patient for color oversition

that the same of county and the same of county. Ac cases the taken

and county are consistent to the color of the county and the county

that the same of the county are con
testing to color of the color of the

As indication of what this roc well be in there in Fig. 1. On Army Sunners Day at see level, the temperature will be 100 day. F. plus the runs tranpentiver rise. Experience has shown that "Sincet on a plane permission by the explorer and the plane permission by the explorer on the Park Since."

The Tark City. STREET, PRODUCTION

to the landage potents where the
Mindayl theory of oddings register is
a should be primate of the full man
primate potential to the full man
primate poten

rice turbine. Intensine Nood air u

to the absolute, a cooling system. So the best placed on the sense file of the place and part of the act of the cooling system of the place and the cooling system of the place and the

recognition by legislating surpring problem which statistics often themselved as for his field any line confidence of the confidence of th

The six is then distributed from the trained or the cable is close persons. A cooking six fast is used to draw at thoosely the hard endanger, and to about the trained power.

The six is then distributed from the trained from th

added for the ratus conditioning perblem, because at the high abstrales, pressurvantoe is necessary to maintain poles officiency within minimum softly one-

arbon will assense greater importance AVIATION WEEK, April 19, 2948

HYDRAULIC DEVELOPMENTS

Varieti principle utilized

Mest corressional Power Barke
Gaussal Values provide fird as the price
by crafteng a poilal lead sention
discolly from the hydratile portnare in

Ip, an encocous industrian of brake present during application in experisonal because of the present drap in the hear and feorage from the hide value on the backet Than is smally not considered soviets with leve deposits, have possize brakes mentioned with small to medium sixed stephens, but



Lettest diversepment in the line of power bishes volves developed and manufactured Hybrides Division sites and Exadia-Paritic Ventur Bore conpressing Bishes Value. The value is autilial for this pressures out to the conference of the higher pressures out to be considered.

and not make possitive (p. 20.0000 one pot see the release of post port previouse up to 0 PSI section becomes propative properties of the properties of post of the business of post of the business of Complicion before denot for seedings to ever control other Seedin-Postio I

Pacific Division

Some lake Miles OF 500. Ave., Nov fail IV - Exercise builds: Asiative Fields bid, Masses

AVIATION WEEK, April 29, 1948

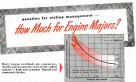
accessed Interested brake energy shorgeometropers energy services and accessed accessed with a company of the company of the

To a show sparmacilly a repo

the outers drawn as Biguer 2

In Rigan 2 genusus applacement in planted sparse is the respond for Billing of the basic opineters. These characrenesses use eleveral is the basic paid is promised with a language new order consistency of the basic paid that parts and the state of the paid that parts and the basic children using a convenience of the basic children using a convenience of the basic point of the new white of convenience of the parts of the paid contain promise in the basic children and contain promise in the basic and the basic point of the new white of Core is in regionate the primition to the classes in the primition of the contained of the the mer waker gives a higher trace of Billing beausing the high the proteins

> , hence to cose in a cod



Regardless of the number of major everbouls yes need such meeth, your cost see he lew, Brough Profes Armetics. Your cost short on

Here are the unvariabled sessons why you can get



PAC SERVES MORE THAN SO OF THE WORLD'S AIRLINES

SUPPLIES - DAC Authors not then 100

MEMORS . PAC families can be capite sorrowy fee

borner obravable figure. 3 Decreas of PACs prompt

2240 North Hollowand Way, Burbank, California

AVIATION'S DIDEST AND LARGEST MAINTENANCE AND SUPPLY COMPANY

AVIATION WEEK AND IN 1948

A resolution of \$1,000 ft, colors page. cabin remark they regarded by this

Minimum personates required is a se subtacted from the rakes supply as

trender coefficients, etc., coughtute the

nite synthists, and its subsequent effect of the contraction to delive in

- STORY AND MAN - No. 1984 IN N/A-A A Kinga S--- N N N

A Common Fig. 4. Typical jet regine performence date.

G. Branner

present a supported different diseases.

This shows that only a small general



Cleaning and polishing the aluminum skin aboveditioned Consun Langue to a big inh! And Consultdated Vultue vecked Klad. Petals to make the trait entire. They find that Klad Polish does a fetter tob and polishing these thousands of square feet

Kind Palish will don better job for you: save you real time and labor. And this is outy are item in the complete line of carefulturers, and find-bese operators will find they give better results at lower costs. You'll find a distributor in every territory are record to sive was prompt service on any mean in the line.



The conglete Whit last includes Ricel Wost for absenue surfaces, an ell-purpose Wind-Successor Concentrates, Fee Asting Pant Strappore, and other Important, Instructing



Manhamo-Calon Imbare rates for a 4 th James They is for a 10,000 ft, cuben

* Cabin Hest-Hesting of the calon is naveren mage speed on an Acres

4 internaliste condition between

AVIATION WEEK AME IN 1965

cold ou flow, even in Fig. 7, in the carbanat immersions conditions exist

SAFANIA BANCE SPEED-ARMY SURVEY OUT

of 3.9 th /max at \$0,000 ft at shows

BENDIX-SCINTILLA the finest ELECTRICAL CONNECTORS money can build or buy!

AND THE SECRET IS SCINFLEX!

Reach a four in a market and lifting part case on a consensor on the market—an endurer leasant few market and and better performance on the market performance on the second performance of the second p

ENGINEERING PRODUCTION

ENGINEERING PRODUCTION

AVIATION WEEK, And N. 1005

and done then that, the sone not- mencios when layer measured to de-

croling are provided to obtain more entucky rain operated. By combining ► Desire Problem-A ratio problem

constant color cooley and women's

Pacific Airmotive Reports Net Loss

P Cherhael Base Classic-In Caldwood

creased engage bleed pressures, the use > Salex Bopes-PAC offeres now are

Information Tips

Carrier broad by Sant City Tealing Vo.

Of vities to Shale of Colorado Bicoles, of Services Bicoles, of Services Bicoles, October 1882, Derroy Ho. AVIATION WEEK, April 70, 1648



seconds, or shapener for their production, remailer the advantages of Alesa bly of sheet, can strue, and stiffcarry are altingexted-the extended sparrogues only minimum

take steps blie the, which percels improveraces and lowered costs as airleans constructurn Alcon's advanced about facilities and make those Call your assent Alon value office.



Why You Cannot Get Ahead As Your Father Did —

HE UNITED STATES is being forced toward socialism by n tax revolution of far-reaching consequences.

We have not yet felt fully the deadly impact of this revolution because unflation and the portour boun have delayed its effects. But from now on, more and more people will feel its little. Alterdar it is the descripted a

Here are some pertinent facts on this tax revolution:

1. The tax lead that our nation can safely energy has leave since transed the degree paint.

Our espitalistic system is in real diargur when tozen tales more than 20 percent of our national monone (or 20 et al every income dellar). Beyond that point there are not selfment dellars left in persone hands for expitalistic America in raiso the cantilel recurred to lone as infusions occurs to

no right now being sodged further and further into socialism.

For today tases take toward-five process of ne-

total moone (or 25) out of every income dellar).

2. The few resolution has underest the incom-

The group whose internes range from \$5000 up new turns over about con-half of its total mesons to federal, state, and local tox collectors. Before the

war, this group give the tas collectors une-thad of its collective moons.

In sharp contrast, the group of people with incomes under \$5000 pays the tax collectors 20% of its moons for direct and holden (mostly holden). toon-equant 18% below the war. This lowerhunder group needs annielase tax rebel but 1 believe most sinearchy that possess earning him then \$5,000 have a very vital reason for also sup-

these \$5,000 here a very visit reason for also supporting tee relief in the much more harvily hit tuper breakets

As you get about, you expert your faces to go to. Team abouth be loved, in principle, secreting

to shiftly to pay. But today for rates me so sheeply that they vertainly destroy all ascentres to geahead, is seen, and is sirvest in new and instinal entergences that open up now pile. The progressive tair uben now carried to presiftee currents has become a destructure tax revealshape.

ent its members below those offered by that state whose police muchods strike terror into the hearts of all workers. Sowie Russia responds successful managers, unit-

Association returns account succepts, are ers, and occusant better reletively than we do under our present for system.

A revolution that stooms many exemptors will

quilibly averag assay our free enterprise comony. The only substitute sour found for free incentives in the subspend-lash conquision of the polar state. And so police state has ever been shife to match the production of a first people with a free comment that sieum obequate reserved to individual prediators.

 The tex revolution hits squarely the average American's chances of keeping a job and of getting shead.
 was make less than \$5000 a was yet now well.

getting elsead.

If you make less than \$5000 a year you may well
ask why you should warry about a tax revolution
that seems directed at the comparatively amail

The answer, it seems to rae, as that "mak capital," the money that realus new yols when invested in growing companies or in new bannesses, west come largely from the people making more than \$5000 a year. The others usually carnot afford to take any

risks with their savange.

It was the savange of this 10% group that enade possible the huge growth in American industry and American side and our previous in master American.

fiving standards in the years before 1000. New the government is taking to much firm the 10% group in toos that they cannot siltend to risk any awrings they number to accurating. Most of these sexuas now go to suscenario conjunction and security health which are barried by less from making ruley around the original to the sexual security of the properties were in memoral original to the susception of the contrasting when his memoral or the sexual security are successful.

common stasts.

The flow of risk-negital from this MVS group can only in retireved by reducing their town. The result well benefit overgone over the difficult years to come by providing more and standars employment for all. The cost of the presently proposed reduction, less

then 1% of the national income, can well come out of current reverse surplus. It will be reputd manyiald by the new enterpress it will structure.

4. Jahr, will be lost if risk-capital does not

Unless the flow of mile-capital sits business can be doubted and trebted in the next few years, basiases movement in phenology new plants and expanses will deep sharply. The McGrow-Hill sorway of prospective capital conjectious, reperied in the receives cellstrial in this serious made that

When such a drop in bathous investment has come in the past, it has brought such at a precedthrop in bannon—and namesplayment. As we work through the encenous demand for goods of all hinds built up during the war years, and in the wavecommisted amount of banismous. Then-at the very true that we shall need all our drive to number in respectly-we shall be hit by the full impact of the sax we obtain.

 Compounding these troubles is a tax system as out-of-date as an exeart.
 Twenty years are, when taxes took only turber

cents out of the national income ficiliar, our statistury late system was little never than a grammer. Today, when it takes touce as large a laber, its doubletening of the currency of investors, its discriminatory excuses, and the overlapping of federal, inter, and local levies are as fatal handlaup A new system, a fair system, a rewarding system, is a secondly if American include and order to the ex-

What Congress does now about federal come will bear crustelly on our ability to austics prosperity. By demandery economy in government and pre-designing the tox system to streaklas infinitive and ratio-taking, Congress one rankiply many times our chances of maintaining full employment and of mistra there standards.

By allowing people to more more and by reserving the inconstree to risk capital in new enterprises, Congress can actually source a bagger ton return is the years about. More business will result — and

in the years about. More business will result — and pay more taxes.

That is the only way that a free people with a free company can carry the tax hast.

That is the best way that our poveriment can improve our chances of keeping our jobs and of getting about. I suggest that you shocked floor vital matters with your choose representations in Congress, in your state government, in your local

Show H. W. Kaw. fr.

hader to keep production and corphysicant at tehander to keep production and corphysicant at teday's high levels.

THE IS WE see our WE DEED.

\$5000 a year or more

Pilot in a fog?

bring him in ... on "contact" ... with fully controllable beam

L-M-Bartow

high intensity approach and runway lighting system



IM

ments and onto contact. And it takes



How to Committe Light Boom-and May

1. Con weeder. Note path of sevel length

I Refused violation—too, shall move the print

roduce, "The Lights that Bring Them in Welde Lies

LINE MATERIAL Airport Lighting

NEW AVIATION PRODUCTS



Downed for nilitary and com-

and polished to school reliaction

AVIATION WEEK, April 19, 1966

Not self-lockers wise net, gode by arends fight too persons by Fight



Time (Costoned from page 33)

was SS-4 120 when storm cour, sort as Flicht Befrigerees

decadances. In meltar praces, use-



factor outcom. Maker is Banch & Loub Optical Co., 635 St. Frai St., Coded Tubber Wire present, raide by Wells Mir. Corp.

extraded contrasting reload stoping. Manufacture is Welliam Brand & Co.

FINANCIAL

Manufacturers Report Huge Losses Deficits increased by charge-offs to take advantage

of tax carry-backs, Result: clean balance sheets. evaluat in the angual amorts some housement of the value of the DC-6 sightee dastroyed to the accident at Utah in October 1947 as well as for any ► DC 6 Wateroff - White not reducted most cases the past year was the list higher rate of development expenses trefs but has an vet not mixed in *Leekhend Situation-Lockhend in

the ten loss in this outside. Lockherd ➤ Martgh Low-The most starrenge

of \$29,155,977 for 1947 Of this scoried with the balance currently in PRIT Lamado color to favore de

given by the Bureau of Internal Res. of the RFC into leaving a believe of

in Aircraft Radio...

Vibration Control Prolongs Tube Life —Provides Shock Protection



Agentic radio equiperent offers an example of emonarity delicere apparazas exposed to unarrathy severe witerston and shock. In successful

Instruction in this Type 15 VIIF Ownidirectional Range Receiving Equip-

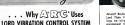
races sharperly the use of Lord Plate Form Mountains In combination

Finanti Palio Companios has recognitidad such applicate

The moximum in vibration and shock isolation is obtained through the use of Lord Shour York Roaded Robber Mountries - either on bisht. Adjourn languages or hance Malestand machines. Seizer were substitute problems to Lord-Vibragon Control Headquarters.

functioning demands the most efficient vibration isolation

Less Maintenance and Adjustment Required Retter Performance -Operating Charge toristics Stabilized



Alreadt Rodio Corp. uses Lord Plete Form Mounts equipment for positive restaction from vibration

There is a Lard Vibration conduct leasther its file.







with a desire manufarment by ARC.



AVIATION WORLD NEWS

Rudonest Letter: Aviation Stagnant in Hungary

The equipment consults of 13

period \$3,515,000 for evisters.

the Sount Army soled upto Heat on Ballanet (soft Heaterstee Res

Ponosal was severed by the on-

* Subcommittees at Work-Cloth that

Hestines on Tour

-Fret Ketner

Muster of Sepple are perparing to send a needschap model "Hastines"



Transportation Saves Millions of Man-hours As Science Substitutes for Elbow Grease



Airlines, Bus Systems, Railroads Turn to Surface Chemistry to Win Rattle Against Costly Cleaning Bills New reservits and methods developed by Tiron Surface

from merces, pures, forlogs, and other ourlaces.



AVIATION WEEK, April 29, 1948



FREE New Instruction Resident for Industrial Streets



SALES & SERVICE

Pennsylvania Supreme Court Rules for Airport Operator

Rules for Airport Operator

Noise comparison used in important Chester County

Noise comparison used in important Chaster property owner test case reversal.

Merchanism (September 1997) and the second of the behavior of the second of the behavior of the second of the seco

energ procys, who ghread to take flagt trianging of the followhen a property of the flag when a property for the flag of the f

presents had done so 10 years ago, an nordest which was admitted to have

Tot Case-The Malvern case has

for recorder ways at first was started

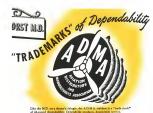
whether succeive of the prospound assumed to the control of the control of the success of the control of the success of the control of the co

When the second is not been been as the second is not been been as the second is not been been as the second is not been a

The second secon



a nummer," and one plantiffs test-



Grouped speecher weeker the sign of A.D.M.A. see the leading distributors and manufacturers of sircraft pures and components to the country. Their high renaturion is now convenient of complete satisfaction. It nove to buy from your A.D.M.A. Describence where the A.D.M.A. emblem is displayed.



Mericani Mandavarrary - 505 Acce Street - Philadelphia 6, Pa.

AVEATION WEEK, April 19, 1948

of Baterfeerees with Malvern school, c Beight (loguestion of regist, i Proenco of large errords at Dependence of probably most reportent within the

"There is nothing in the construchotics Devs that restlered the Filter Not Cloud-House while

Amphibian Prototype Ends Long Flight 'The decay is morned for more

Chargoal Used in Rain-making

received B2S and TBM similars, orc-

he officer at his home, 2001 Electron ner, oil of Flandyll, Aria Stanley min carrying these persons and 40

PIG IS NAVION PASSENGER

Obland Fores, Penns, M., wonted to set a price Decre bug to Calombus, Olive. the place reached in digitals of \$500 ft. The mode form well that the name kep-be reach would have required a minimum of \$10 hour of best depung, education

Desgrated the Model W-6 Agest I

and 5 mph wend, as 3-plane, 45 mph

P. Directions Other presidentions and nodify, 4 ft. 25 cm; bend, \$8 ft. wheat

SALES & SERVICE



meet your requirements, and

Lederer Elected President Of Flight Safety Foundation

wheels folding rate the andersels of

The Flats Salety Foundation is a Ledeser has been chief engineer for Assa Insurance Underwrites unon

suved as Director of Safety Burgas of Skymotive Gets Chicago

Air Terment under a Muser lesse

DESIGNERS - MANUFACTURERS - DISTRIBUTORS

WIN R WHITEAKER CO.,

SALES & SERVICE

of ealer cycles

connectes a payed runway at the field. AVEATION WEEK, April 19, 1940

the Aircraft Market is

We mean that literally. The wet market is the real market taday, it can put you in the black Instead of bankruptcy. Here's the story.

You know the situation codey. Dealers mounting above a sales decay Castomers

courses many Books saleing for money Ownary puzzing planes up for side, widing to the modulations has life a cough market coder.

orders are over and new it's time to tell

For dee's overlook that the floor place

market is wide ones. There are over 30,000

planes as use meht now that could be con-

versed to finite Conventions will bring you

sustail of focuse them on the market to

barely speched. New mining customers are

give them-water speets and quick access to

le may strike you as foolish, in those days

spend a bit more and get a fleesplant. But

remember, you're sulting a means to the end

all reliate want - a plane with real sport and unley. le's a plane that will stay

effrection." that extre edeastone to make er lest energe minous regime marrillation. There should compete with landphones Sell a floorphone and extend an extra boson in the form of float commissions. Take greek todes. Look as your present marker then at the floor marker. Have you really tried to sell floats? Have you dis-

convenient If you haven't, you're missing a Edo backs you up, with national advertidor, with sales licerature and technical backless with advertising mars for local use.

that source to produce sales and profes. Plants your sincraft distributor for details. Or write to Edo for the facts, plus news about floor new on the largerst market in eviction.



ERG GERPERATION 425 Second Assess. College Front L. L. Now York.

force and we should at \$40 dealerships. I happin, or an improved to

AVIATION WIFE, April 19, 1940



Atlantic Aviation Expands RRIFFING FOR DEALERS & DISTRIBUTOR Erromann of facilities at Baltunous

SPHENCEHELD'S AIRPORT PROBLEM-Arches people at Societical

Dearen & Plint Association has performed Once Flechaus, Sociatefield only

FOUR TALKS A WEEK-It helps must, publicity wise, of course, if you win and how? rivin. Many other excutors at they took the terrible to make some swheaten contacts, could do much specified in talks to clabs. They brace or any converge of public extense, and decay for information, about a subsect which ments to a hight place and assies there isce, charging it off as an advertising from

or his hadres, incidentally. Column to reserved to be but, to the Thompson

AERONCA SEDAN CERTIFICATED-Rooms of CAA certification on the

country, to hold a public housing on the proposed sale armagement ATT VARREZING. A new trade is apparented for old "stock and rig" 45 ha

and Wilsonston has been appropried this are unknow about the lock of feeesgle shown to arrescences being such to sell the town's old sunnicipal report, following the completion of a new names: change of the site most prope and to not it so on separt for 10 score. Explanetees for the meaning closer, is that city officials do not went the old field to be in positely owned and become please, and hanger facilities communitie to those at course. With a course trend trend toward more suports in most forward-looking commenter, including these Olso other numericity competitive with Spring field, such at Diston, Columbra, Columbra, and Tolodo, the Springfield office. appears to be hundropping that sity so the fixture. It is understood that a lower who welves to paceste the old field in me street has made in offer the tile field There is a country also about the expenditure of some \$150,372 in sederal funds.

Suraving Firm Sued

Resenc Manual

femile-use plane competition with plane production schoduled during the emcust month. Procetaged at \$4735 Syrvey Meddictors, the Sedim los on allcogies. As one of the lowest priced four places on the market, the Acronia Solan Banyan, It as service unusury, and H. C. Pettet in meetingt side subsucce, succeed-- ALEXANDER MASURELY

AVIATION WIFEK, April 18, 1948

IT'S AN ENGINEERING FACT:

fly-light



means perfect 🖺 comfort and less load \(\Delta\) weight

standard strike seators much by more and raisy deep, saft, confectable series to your closes - seets that afford comthese three things can be accomplished plete relevation . . . resulul supe in frant. with Nobredt seating engagements and Ceres, too, are more alore, less enide

Greent service embroned with Nakraft . . miracle fence 6 hair-lates suchicaing . . . stays just such brouge comfeet valuable weight that means extra eargo-

spaced at the possels chromated from

made assess believe 2.—They can be made at less cost per

- 3... These seats will retain true havary conduct.
- Wash you write today to set addi-

AIR TRANSPORT

Policy Bills: From CAB to Taxes

Seventeen hills introduced in House and Senate to back up recommendations of Joint Aviation Policy Board.

The Congressional America Policy from Congress to marship rates of

. CAA would be soluced to an Office

Contract all services—domestic, even-

KLM's FIRST DCA

The measure also excepts sirvers · Owners froites. Sweering sellice-



. The messages to remove the 15 per- tear. The national nations exhibiti-

Nukraht MANUFACTURING CO, INC WHEN THE PROPERTY AND AVIATION WEEK April 29, 1968

HARRISON Supercharger Intercooler

Exceptionally Salt. Completable dependable. Desired to accordish a specific cooling job with program efficiency. That's another way of saving this widely-used aluminum leter-



Top Airline Salaries Show Increase in 1947

Reports of nine curviers ing small increases over 1946. Most departic aiding paid they

► WAL Shit-Tend C Deskyster. Salance of other executives to 1947

AVEATION WEEK, days 28, 1945

pound in the nighth zone-we inhibite

periodent nocutions, \$5100. F

*West Count-II A Mustur

FEEDER OPERATIONS IN 1947

Attack on Feeder Cost Renewed Post Office Department lines up with Hariley Branch

He said his office streetly believe mentle have shown on "signest yeller. * Concessed Auf-The CAB screde: * Those Poster-Breach has now asc-

average of \$17.47 per processor.

recoved by the government for the 1947 indicate Manuch carried on ov-

AAXICO Suspends Nonscheduled Flights

Employing stood days "ay coach"

in Partic Rico AAXICO scaled for a PAL DC-6 Service Pichegies Air Lines plans to also

"MOST COMFORTABLE, ROOMY PLANE"... say Navion Owners



"A REALLY PULL-SIZED 6-PLACE CABIN"- Moscounfeet able"- "Roufel and releases"- "Superb visibality"-those are is duft-free, and improved sound insulation makes the 1946 model one of the curriest appliance "Performance?" ... "We see





F. STANTING HOSPICE DRAWN FROM A character 2. CONFIGURE NEW THEIR STREET WITH MARK SECURITY 2. reason of patter sources and With or your interiors for Thorsand Institut and more of dealer our rots who at Egindy Louis High designation in Passer state of PMM Louiseau roy in

The Thoroughly Proven Post-War Plane Ryan Navion





CONVAIGNINERS GETTING AROUND While American Adriana Cassan Line, their, fire of the well let all \$0 offer served by American and ower \$10,000 placed on expalse outpo service lost spoath, weren or at notice. Par American America (aglid) writte up a Later of LeCondo Fold to due at Services supp serve which. Sin Days pace to deliver field (Role plots BomPe)

PAA Maintenance

Here new have at Mores, where to be world's largest.

P Debode Work-Some morne work

buildings equip them not brodern e-criteci feolitics, and move the shops rier a tatal of L-C22,800 as it to

Mines was selected as the morety by Atles even if it were swenned that

Corn Had the shift been to one of

Atlas Corp. Asks Deal With CAB

use and Northeast droved an assessment need. The option equipp May 1. wheel a control both Northeast and

For Assertation and John Shak Tanday - After industrial in

Receiver Asked for Alsaka

Matson Leases Maintenance Base

Flying Tigers Report Record Freight Traffie

Eustern Builtonde Ask CAR Reproves Colonial

For Challenging Branch

Passanger Fore Bonst

CAB SCHEDULE



· Vécation Morests A Alacast and Engine Accessories Aufreen Parts @ Westlankenn Airrouft Launts

· Acre Coupling Hose Assurablisa CATHEOGRA SENT ON REQUEST

Distributors of deletion Supplies

THE MOULTON _COMPANY, INC 20 SO GRAND AVENUE - BALDWIN - NEW YOR

TO SAFFTY WITH PARACHITE FLARES

DC48 FLOCK TOGETHER the nicine we take secretly. Assertion expects to have all 50 el os DC4s

Air Mail Rate Drive Stalls Post Office proposes other place to produce peopled

INTERNATIONAL . HINMUN WEIGHT

e LOW COST e POSTABLE 9 FERCIENT or respirence aperetors Write

boost and metal quature morney

* Single stage - From 15 to 22 costs for

for the first pound, from 9.0 to 9.5 since the propert was academphated a Blabels were. From 16 to 25 cents for the first nound, from 11 to 11 5 In addition, the suport reasugement LA to Have FIDO By Next December

Operatoral use of TIDO of Los TWA Ad Campaign

Propercial charges-Resen given on its SM far a starte exitting the way

THE AVIATION STANDARD

PIVET . ANCHOR NUT + SCREW LOC

no red to

Duty Fasteners

Write for Folder

and plantages on the said out and

THE OIL MANUFACTURING CO

Clarational &, their Lee Angelon, Cobs.

Exemption Denied TransCarbberg Art Coop Lines' or REPUBLIC P.84 Thunderiet HOLE COM

State Courtey Specific Arction Swit Dut is front in the AAFs stable

of lat System is Republic's P-94 Theodatat". And so the front of the "Thursday's is the record stainless steel ele intaka coud farmed a stational tab on best when

formed by clien, this piece is readily shared at the C. W. Torogram Co. new techniques, And the davelopment and testing of the heart of the place - the G.S. TGL180 technical engine - was meterially assisted by busing to "Mecators for some of the difficult and quarties stateless If your ecoblem is one bevolving the ferming of stainless sheel at aluminum parts for abroraft or let engine designs, porcider the excit-Hilliam of "Menature, Wille for

is a registered Conservito 45 Mag

AVIATION WEEK, April 29, 1945



read dadge, re

operations. Distance Principatories

FLIERS'

ENGINES

Continental angless in the

45 to 165 h. p. reson pro-

vide reliable power for the

arest majority of all nec-

TRANSPORT

social please.

FIRST CHOICE.. CONTINENTAL

curre than is any other year. Green Flower Tretstre-The complex for aggreeating Brand's connections position by asserting new states to

New KLM Service

Services Produces . . .

Melded Plywood Stinson from interest Plane

Footlogate/ Meters Forwarehous AMERICA ENDING DO MUNICIPA MICH.

SHORTLINES



electrical and gasobine lines and you can had please in a 50 ft residue, up to 20 GPM. White for buildates F.F. for reporter for

True brokks Plints Project

ERIE METER SYSTEMS, INC. SEARCHLIGHT SECTION

"OPPORTUNITIES" Designers SELLING OFFICETUM/TY OFFICE

Stress Analysts Wind Tunnel Operators Thermodynamicists

> Aerodynamicists Gudusta engineers worked, mod-

FOR SALE FOR SALE

Opening William

Foreign annulus survived with July 2011

Foreign annulus survived with July 2011

Foreign annulus survived with July 2011

Foreign annulus survived a For beardest (thereo)

WATER ADDRESS CONFIDENCE EAST MARTITORS & CORRECTIONS

Pin Ancien-International curb

@ SEARCHLIGHT SECTION @

AFRODYNAMICISTS

THERMODYNAMICISTS

STEPS AWAI VOTO

AIRCRAFT DESIGNERS

Such American Aventur has a number of excellent speakings for

Please include complete sum-

SUPER EXCESSES AVAILABLE BOY Les Annales 45, Cabitempe

PLANNERS Tool and Production Five years experience required Commeny now expanding on F2H-1 Bombee Program McDonnell Aircraft Corporation Lembert St. Loan Manicust Ainart Box 516 St Look (2) Manager

AFRONAUTICAL ENGINEERS -ity to apply the theories of structures, supersumic occurryplanes and saided massles. DESIGN LAYOUT ENGINEERS... Alaplane Diverson Columbus, Oher 3 TWIN-REFER AIRCINERS Available for immediate sub at less free local dear beauty over a blocked in the

THE MALE 2.000 (seement.) FOR EVERY Landing Strip Mata "Think Search links First"



20 FACH \$-2000-11 PRATT WHITHEY ENGINES with party was 19836 bill consider a perforance # 5200 ERCH No. C-345 SPAIRS PLACE - NOW # 4 SETS No. 343-6-2 WARREN HOMETHUR CHAIRS

Associated Associated to SC4 and SC5 authors profe-PAN AMERICAN WORLD AIRWAYS

C. E. COMPANY

MEN HYDRAULIC PUMPS Vickers ±105 VC cap 8 G F M. @ 1000 p.s.s with Tip H.P. U.S. Elec motor, 1200 r p m 3 60 220 Alte Alement Airplane Strets.

types in stock NOW

@ SEARCHLIGHT SECTION @

the steward-davis 100-hour warrante

\$1795 f.o.b. Los Angeles . . . We have analyzed the December December 2000,000 commences to make all of the rated areaffections lold about by he cracked world freezes mondatures, Pratt D. Whitney Alexech-

Commenced in contracting

If a a from No. 507 report by a C.A.4

Transport Abrough Reporter

Complete with contracted contraction.

TAME & WINTER C GARDINA CAUPGINA WAS TEWARD, DAVIS CARLL STREAM, DOG ANDREAS, CARLESTON, PL. 151-44

FOR SALE AMERICAN AIRLINES, INC. Asterna, L. L. Haw York

· Douglas DC-3 Areless Forts Accessors and Greand Equip · Wright G-102 (CSGR) Engine Ports, Accesseries and Common. · P&W R-1833-92 Engree Parts . ALSO .

· Dosales DC-4 Amplone Parts and Accommon · PAW E-2000-13 Engine Perts. terestation and Consequents (recey of which are inter-Fed Week, June and obsset 709

AND ROLL OF Land WHEN WOODS IN

MOTE: This is the of the most complete All out & bolt representation in the Welarge Steak Server and Streeterd · SUBSTANTIAL DISCOUNTS invested consider medicament centre

@ IMMEDIATE SHIPMENT from our worehouse & ALL MATERIAL NEW PRINT and unconditionally exercised · CURRENT LISTS PURNISHED upon coolienter

INDUSTRIAL MATERIALS CO. OF AMERICA 420 EAST 8TH STREET, LOS ANGELES 14, CALIFORNIA

WE ARE HEADQUARTERS AIRCRAFT HARDWARE

just received on obbilisted serests handred thousand defler investing AN NUTS & BOLTS

We sell the Aircraft Industry throughout America



should have pressure switch!

64

Where sever heater is used to de ice carfoil services

Also evalleble - pressure switches for CO, sys-



-Airite Products Company_

2221 UNION PACIFIC AVENUE . LOS ANGELES 22. CALIFORNIA

. TELEPHONE AMBILUS 4127 AVIATION WEEK, April 29, 1948

ADVERTISERS IN THIS ISSUE AVIATION WEEK...APRIL 19, 1941

Altho Purhate Co. James Adventury Agency

ideal My Cr. Sc.

Mechanical control coble regulation, engineered directly into the terminal unit. provides a single answer to two design problems.

STURGESS QUADRANT REGULATORS Like the STURGESS MODELS Red and

BTO SECURATORS the manifest too ulator assures named coble tension, emportage of temperature ar pixnest of new templood unit difference

trouble-free service in ensured. Both cables of a system one com-



AVIATION WEEK, April 19, 1968



The Betrayal of Air Power—III

The Transon Administrational's northing of any power in Checkel by the point Checke of Stiff and powerful betthesiap or administration of the Checkel of the Land of the part per Condoct to the Penalest, Defense Rocettey Feverald, and Storchay of Stiff Merchall, and Storchay of Stiff Merchall of the Checkel of the Checke

As Secriting Synangian to life Edoce Anned Revise Committee that "Provise Scheding for world youther as force in solicity Synantic and Secritic Synantic and Secritic Synantic Secritic Secritic

Againtee Headhook, as efficial Bassim publication for guidance of party workers, says in Sa. Aug. 15, 1946 Edition. "The search of the Societ cannot be below that of ather countries. ... Societ ampliance most for logicy, fastlee, faster than obsect of one other countries. We must have the most of one other countries. We must have the most powerful as fincte in the world."

for a accounter, that any acting subhibilities can be
the accounter for any acting subhibilities can be
things from of early single the the accounterful such can
things from of early single the two accounterful such can
the property of the subhibilities of the subhibilities of
the subhibilities of the subhibilities of the subhibilities.

The fixageness, we know have the longer land conversely
the subhibilities from the controlled of such accounter
to definite the land of the subhibilities of the subhibilities of
the subhibilities for the controlled of such accounter
to the subhibilities for the subhibilities of
the subhibilities for the subhibilities of
the subhibilities of such accounts for subhibilities
the subhibilities of the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subhibilities of
the subh

And one measures guards effect in World Wes III was able to field only Wo counted reviewer. Fighting a present that the counter of the counter of the counter of the the Restates would welcome. The fingest length of the The Restates these virtually on a regard they are so were that they are builded on the figure being. Assocition and such as these without the real of the fields of long oning substantie. And which New Secretory Sellvian Novel mellingers encore salars that these are miller as name than 60 at these new results.

a North Nobles, propour is a long and coulty process there as one possibly for this a practice being failtening in the footenhale future. That being me back in the art when we know once the aprilled law, and when the Ramann are bending over effect and the state of the state of

currience to the authorithmic rule to the two accuracy convects. Since the Away 464 New one consultes to the field, the Air Forer, 2 to 1 in may four Chieti of Shift decidins it is carry to see the mechanism for speaking are preservable must despite the altegod independence of the Aw Fooce. At this like dole we see that considerated with the speciacle of Admini Lova Doubles, Chief or Naval Opentions, folling Compose that the Air Forer must not be alliered to give on

shall have a regiment and officiary Air Force," he said, "the sectionsy rea and ground components to other accountly provide delensing actions of federacia near equivalent agreement will not be not ing our a sound foundation." Opposents of exposed on a power, shoulding Adminial Daniels has been destingtoned mentic action for if they are

points and to decimal a large. Newly is criminal the news. Army Secretion, though have been pairwards straing that \$50,000 persons whiches in severence in others decimally a straing that \$50,000 persons whiches in the contrast in others are proposed. The special contrast particular and the secretary that the strain of the second of the particular and the second of the second of the second of the second of the latter is the first best force in the second of t

the few of the property of the control of the contr

On the send for had not successor to defend all beautions in the close sending of the Conservity-Author constitution in the close sending of the Conservity-Author constitution in the control of the con

engagering skill, remotels and deschquistations, e Spring to annual Behard the automorphy on donlars the notifies of error markers skillers stands remotels and suppressing, skill

Passenger is the payoff

Comple, the 3-12 Grupples" to susceid head fight the Assession of Section 1 (1) and the Assession 1 (1) an

fight series rainable true on the contraction south fir time and he add be artificed to a manufacture.

SPERRY GYROSCOPE COMPANY
DIVISION OF THE SPERRY CORPORATION - GREAT NECK, M. Y.



I and not higher defense connells—the Joseph AMILYTON WEEK AND INC.





Cecil Hagen, Houston consulting geologist, flew his 4-place Bonanza 20 hours his first week of ownership, Covered "3.000 miles, which would have taken 3 times as long by other means of travel." The whole U. S. is now his operating territory. He personally watches various operations without hiring more men as in the past.

Bonanzs-owner H. C. Bowers, retail furniture dealer of Salt Lake City, can now make all those buying trips he should have been making . . . and ddin't. Has more time at the store, too, Increases out-of-town sales by flying customers to the home store. Bonanza travel pays. . . in many ways!

Opera star Mona Pauloe makes a 40.000-mile concert tour—on schedule—with the greatest of ease. "Only way to maintain that strenuous schedule is with our Bonanza." she says. Dean Holt, her husbandaccompanist. does the flying. "Gives us time to hunt. fish and meet people."



This comfortable, fast, amazingly quiet plane was engineered with one purpose in mind: to cut the waste out of your business travel. A note on your company letterhead will bring an informative brochure on "The Air Fleet of American Business," Write today to Beech Aireraft Corporation, Wichita, Kansas, U.S.A.

Top speed, 184 mph Cruising speed, 172 mph Range, 750 miles

